



JST08C-800C 8A TRIAC

Rev.A.1.1

The JST08C-880

(T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I _{GT}	V _D =12V R _L =33	- -	MAX.	25	mA
				50	
V _{GT}		ALL	MAX.	1	V
V _{GD}	V _D =V _{DRM} T _j =125 R _L =3.3k	ALL	MIN.	0.2	V
I _L	I _G =1.2I _{GT}	- -	MAX.	40	mA
				80	
I _H	I _T =200mA		MAX.	30	mA
dV/dt	V _D =540V Gate Open T _j =125		MIN.	500	s
(dV/dt) _c	(dI/dt) _c =3.5A/ms, T _j =125		MIN.	6	
t _{on}	I _G =80mA I _A =400mA I _R =40mA T _j =25		TYP.	5	s
t _{off}				30	

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J	ST	08	C	-800	C
JieJie Microelectronics Co., Ltd.	Triacs	IT(RMS):8A	C:TO-220C	800:VDRM /VRRM 800V	C:IGT1-3 25mA IGT4 50mA

FIG.1: Maximum power dissipation versus RMS on-state current

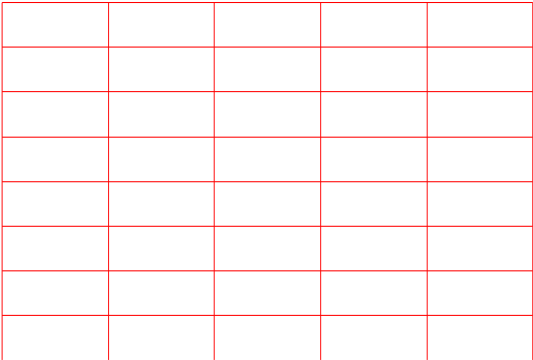


FIG.2: RMS on-state current versus case temperature

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